

Z0, SF, ASPCT0, XPP, TRAT, XNP0, QQ, XXI  
 1.0D+10, 2.5D+10, 2.0 0.6, 1.0, 1.0, 8.0, 1.2  
 V0, VPRTB, DT0, DTM, TMAX, ZMAX, CDA, GAMMA  
 0.0, 0.0, 2.5, 5.0, 8000.0, 16000.0, 1.0, 1.17  
 BS0, BSFAC, DAR0, IAR, ZSCL1, ZSCL2, ZPKF, IBSPROF, TFAC, IGRV  
 -1.0, 1.0, 0.2, 1, 1.0, 1.5, 1.5, 3, 0.85, 1  
 CMAX, FTCRNT, FPCRNT, FBTA, NPRNT, IDATA, TMP, TPRM  
 2.1, 1.0, 1.0, 1.0, 1, 1, 2.0D+06, 1.0D+04  
 NPLT, DRGFACT, ZSW1S, ZSW2S, VFMMAG, ICONT, ISC, fprm, Cprm  
 2, 1.0, 7.0, 15.0, 1.703 0, 1, 0.0, 0.15  
 DP0, PHIA, TC1, TC2, TC3, TSCL1, TSCL2 [(TC2-TC1) >> TSCL1]  
 0.0, 5.68, 57.0, 187.4, 187.6, 29.9, 70.4  
 UPFmax, Fdens, TF1, TF2, TF3, TFmax, FSCL1, FSCL2  
 0.0, 0.0e09, 1.25, 1.5, 1.5, 2.25, 0.25, 0.25  
 TPRM0, TPRMSCL, TSHW1, TSHW2, TSHW3, FMULT1, FMULT2 FMULT3  
 90.0, 150.0, 200.0, 3000.0, 15000.0, 100.0, 0.1d+05, 2.0d+05

XPP=Pin/Pout

TRAT=Tin/Tout

XNN=Nout/Nin

$2^*S_0$ =footpoint separation.  $Z_0=S_0^*DFT$ . ( $DFT < 1 \rightarrow$  flatter than semi-circle)

gfit = 1.00

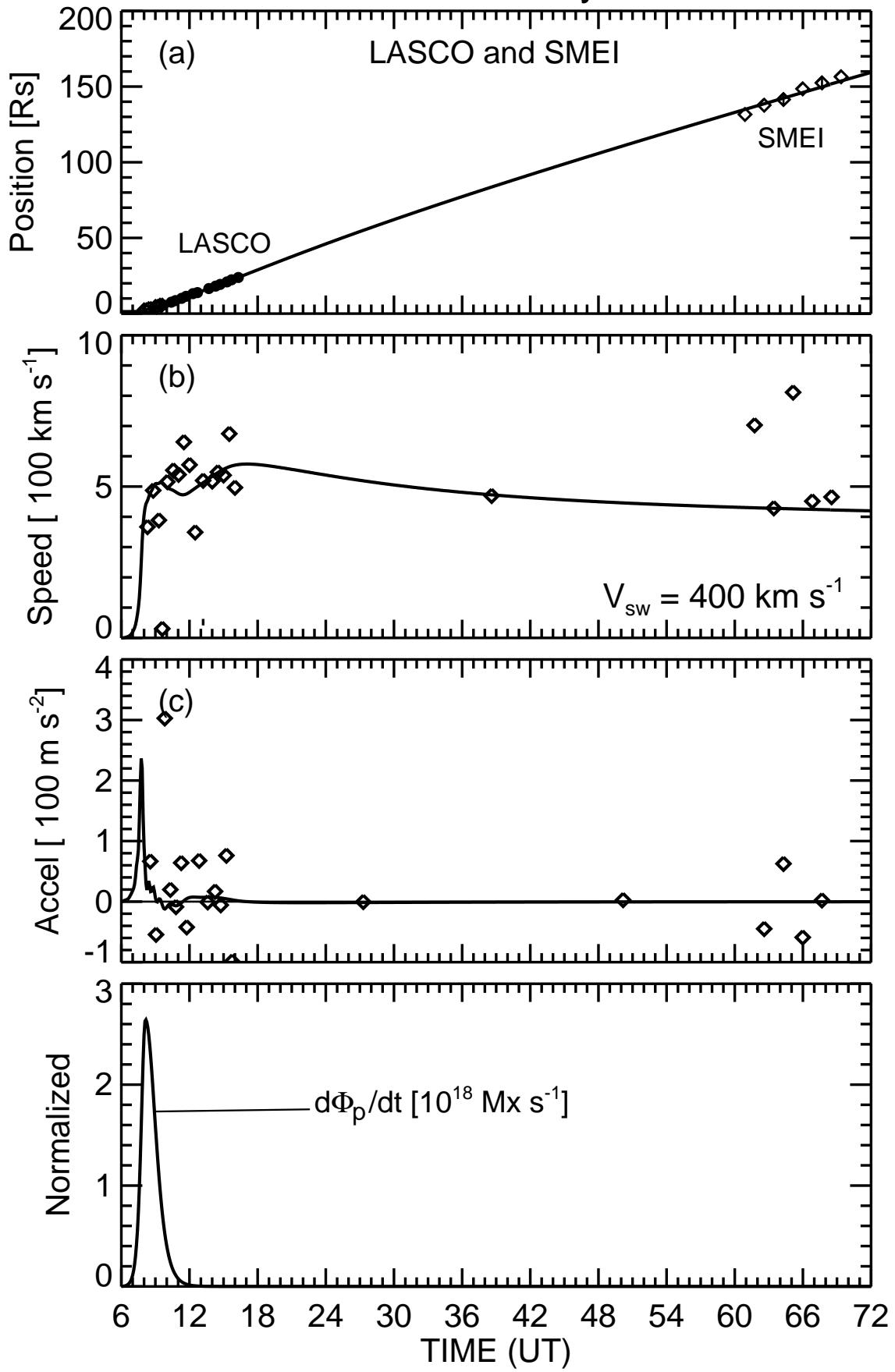
tshft = 5.000 min

err1 = 0.02% err2 = 0.02% err3 = 0.02%

phi = 100.0 deg theta = 10.0 deg

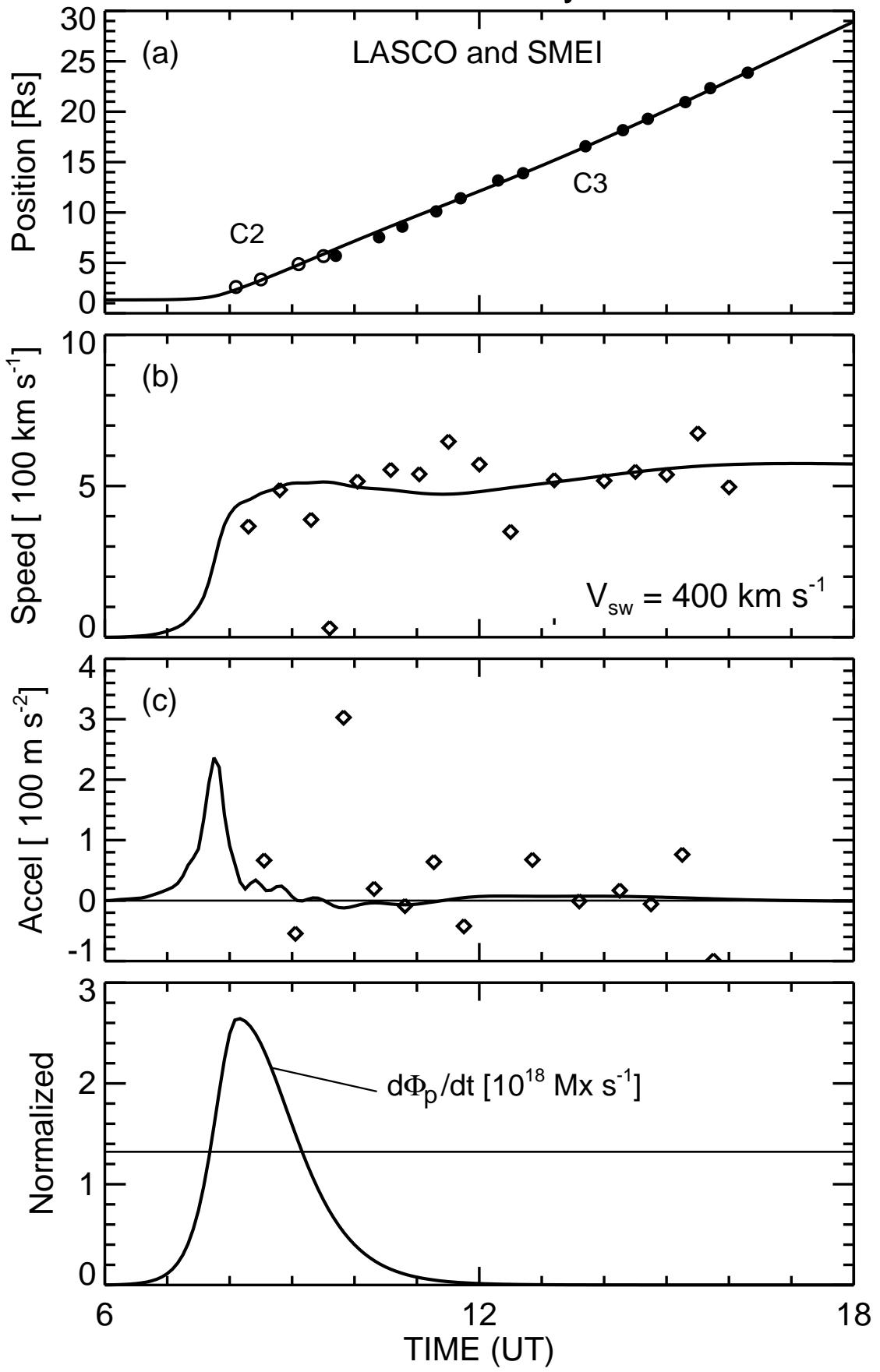
pltc2.ps.001+15

2003 February 15



Sf = 2.5e+05 Z0 = 1.0e+05 D = 1.00 tshft = 5.00 pltc2.ps.001+15

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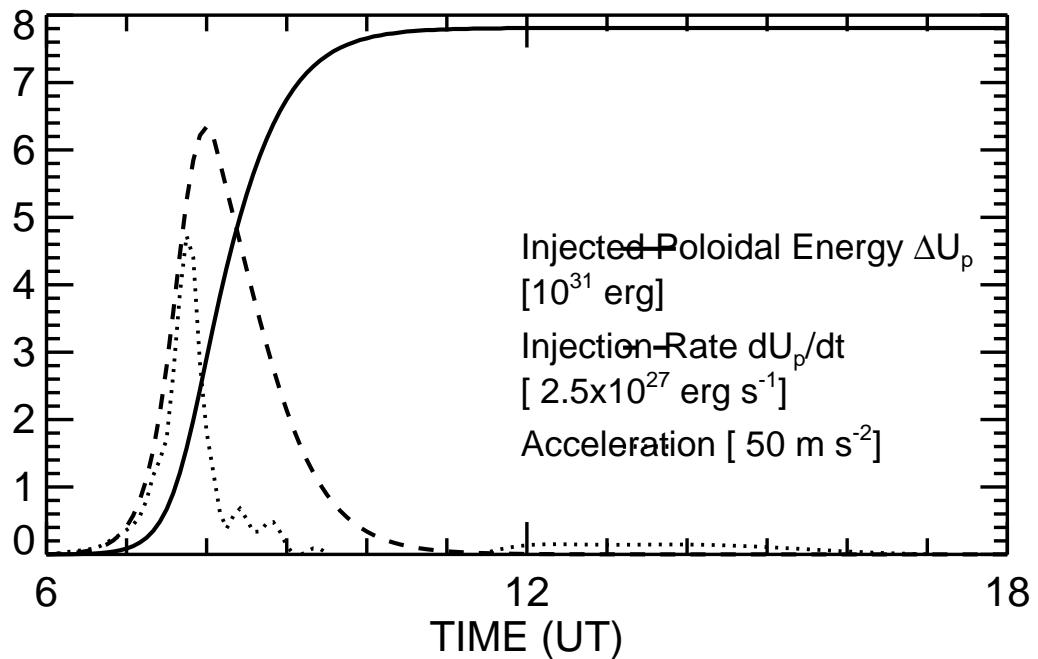


D = 1.00 tshft = 5.000

Sf = 2.5e+05 Z0 = 1.0e+05 R0 = 1.3e+05 a0 = 6.4e+04

Cd = 1.0 err1 = 0.02 Bp = 2.75 G Bt = 3.19 G

pltc2.ps.001+15



$D = 1.00$     $C_d = 1.0$     $tshft = 5.000$

$B_{p0} = 2.75 \text{ G}$     $B_{t0} = 3.19 \text{ G}$     $\tau_R = 8.5 \text{ min}$     $V_A = 2.52e+07 \text{ km/s}$

$\Phi_{p0} = 8.36e+20 \text{ Mx}$     $\Phi_{t0} = 4.12e+20 \text{ Mx}$     $(\Delta\Phi_p) = 1.6 \times 10^{22} \text{ Mx}$

$(dU_p/dt) = 1.6 \times 10^{28} \text{ erg s}^{-1}$    Total mass (initial) =  $4.23e+15 \text{ g}$

$(\Delta U_p)_{\text{tot}} = 7.8 \times 10^{31} \text{ erg}$     $U_{p0} = 3.7 \times 10^{30} \text{ erg}$

$(d\Phi_p/dt)_{\text{max}} = 2.6 \times 10^{18} \text{ Mx/sec}$     $(d\Phi_p/dt)_0 = 0.00e+00 \text{ Mx/s}$

Max Accel =  $236.3 \text{ m s}^{-2}$

$V_{sw} = 400 \text{ km/s}$    EField\_max = EFM\_max / Sf =  $1.06 \text{ V cm}^{-1}$